

#### ABSTRACT OF THE DISCLOSURE

JPEG data is efficiently recompressed and transmitted to a remote color facsimile device. Before transmission of recompressed JPEG data, an anticipated transmission time is displayed for enabling the user to easily select the desired compression ratio. To generate recompressed JPEG, a Huffman decoder is provided for decoding encoded data and temporarily generates decoded data. Table generator multiplies the predefined quantization table values by the prescribed value to generate the modified quantization table. Intermediate data generator generates the intermediate data by dividing the encoded data by ratio  $n$ , which is derived by dividing predefined quantization table by the modified quantization table. Huffman encoder encodes the intermediate data to create new encoded data. Recompressed JPEG data includes the newly coded data and the modified quantization table.